

*Complete if Known*

*(use as many sheets as necessary)*

*(use as many sheets as necessary)*

Application Number	09/445,769
Confirmation Number	1355
Filing Date	December 13, 1999
First Named Inventor	Do-hyoung KIM
Art Unit	2182
Examiner Name	PEYTON, TAMMARA R
Attorney Docket Number	Q57164

Sited as per max  
6/5/02

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 5,572,652		11/5/96	Robusto et al.
		US 5,708,834		1/13/98	Sasaki et al.
		US 5,371,553		12/6/94	Kawamura et al.
		US 6,288,716		09/11/01	Humpleman et al.
		US 6,112,235		08/20/00	Spofford, Jason J.
		US 5,793,366		8/11/98	Mano et al.
		US 5,648,824		7/15/97	Dunn et al.

3rd party

[illegible][illegible]**Date Considered**

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

Application Number	09/445,769
Confirmation Number	1355
Filing Date	December 13, 1999
First Named Inventor	Do-hyoung KIM
Art Unit	2182
Examiner Name	PEYTON, TAMMARA R
Attorney Docket Number	Q57164

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
JWP		US 5,572,652		11/5/96	Robusto et al.
		US 5,708,834		1/13/98	Sasaki et al.
		US 5,371,553		12/6/94	Kawamura et al.
		US 6,288,716		09/11/01	Humpleman et al.
		US 6,112,235		08/20/00	Spofford, Jason J.
		US 5,793,366		8/11/98	Mano et al..
		US 5,648,824		7/15/97	Dunn et al.

RECEIVED

JAN 27 2003

Technology Center 2100

[illegible][illegible]

3/12/03

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A &amp; B/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/445,769
Confirmation Number	1355
Filing Date	December 13, 1999
First Named Inventor	Do-hyung KIM
Art Unit	2182
Examiner Name	PEYTON, TAMMARA R
Attorney Docket Number	Q57164

Sheet 1 of 1

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
Jup		US 5,648,824		7/15/97	Dunn et al.
		US			
		US			
		US			
		US			
		US			
		US			
		US			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
Jup		WO	97/10678	A1	3/20/97		N/A

RECEIVED

JAN 15 2003

Technology Center 2100

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner  
Signature

Jama Pajt

Date  
Considered

3/11/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.